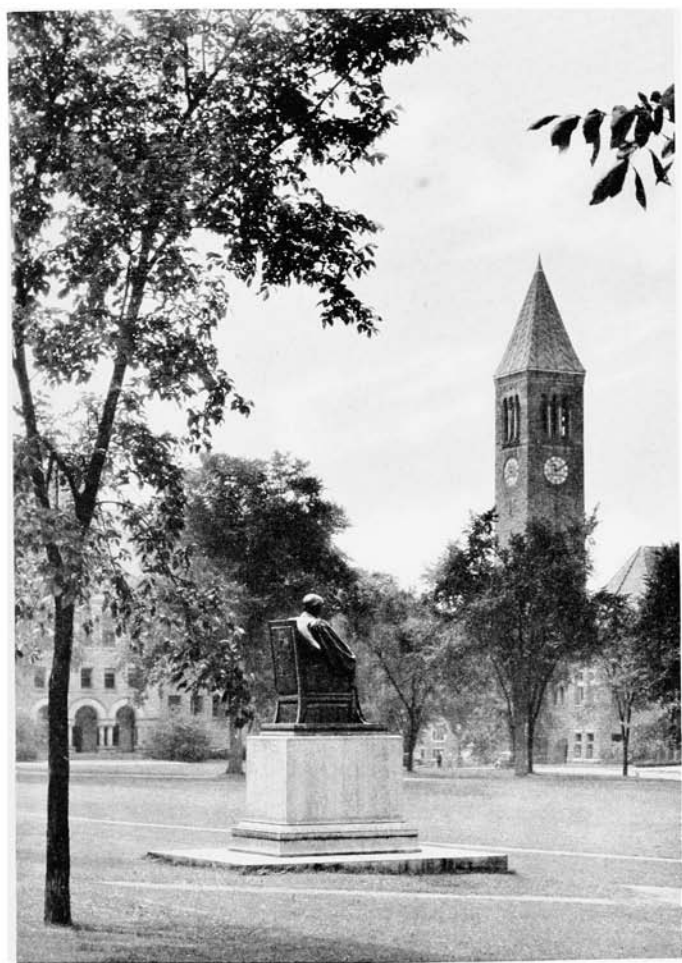


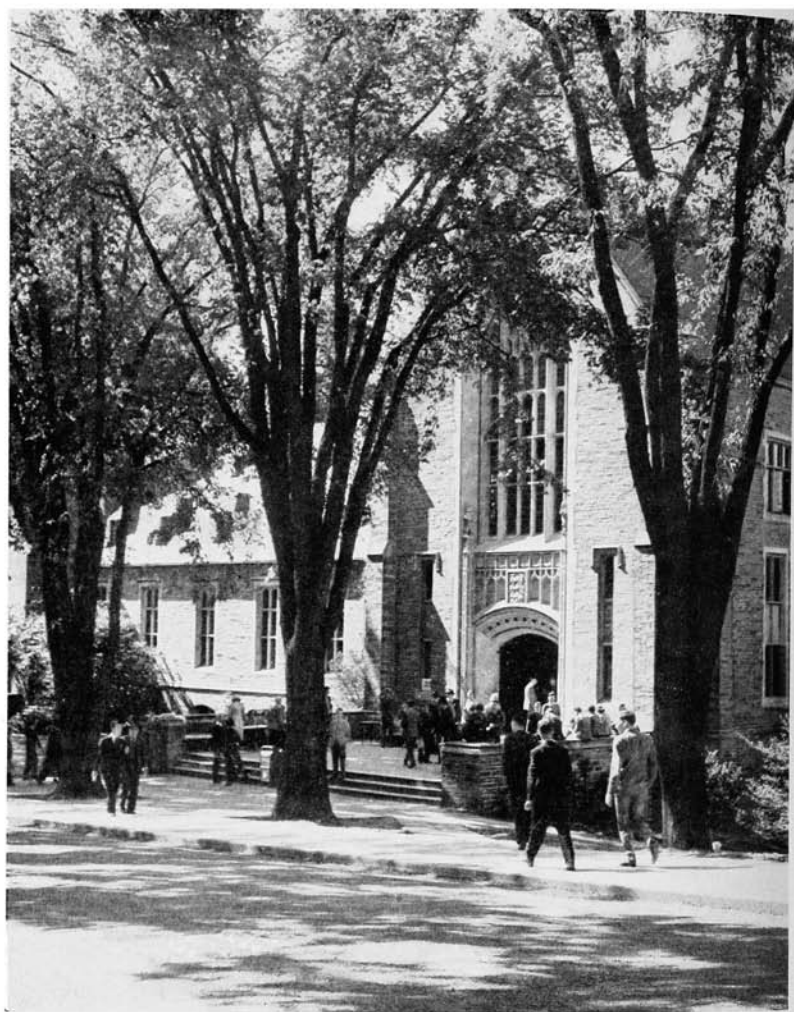
*Preliminary Announcement of the*

# CORNELL UNIVERSITY SUMMER SESSION: 1940

UNIVERSITY AND STATE SUMMER SCHOOLS



CORNELL UNIVERSITY OFFICIAL PUBLICATION  
VOLUME 31 : JANUARY 15, 1940 : NUMBER 11



*Willard Straight Hall, built  
in 1925 as a memorial, is the  
social center of the University.*

PUBLISHED BY CORNELL UNIVERSITY AT ITHACA, N. Y.

Monthly in September, October, and November

Semi-monthly, December to August inclusive

*[Entered as second-class matter, December 14, 1916, at the post office at Ithaca, New York, under the  
act of August 24, 1912.]*

CORNELL University is situated in a picturesque region—the lake country of the State of New York. The University's domain of fourteen hundred acres occupies the brow and crest of a hill overlooking the town of Ithaca, twenty miles of Cayuga Lake, and the surrounding country. The campus is eight hundred feet above sea level and four hundred feet above the level of the lake. Two gorges, those of Fall Creek and Cascadilla Creek, are on its borders. The famous Watkins Glen, at the head of Seneca Lake, is twenty miles away

## THE SUMMER

**SESSION** The SUMMER SESSION of Cornell University carries on the work of the several Schools and Colleges during the summer vacation period. By attendance at the Summer Session, teachers, principals, and superintendents in public and private schools may continue their professional training; professors and instructors in colleges and teachers in secondary schools may carry on specialized work in their particular fields; graduate and undergraduate students, enrolled in the regular sessions, may continue their work during the vacation period; and other persons who wish to further their education by study during the summer months are offered an excellent opportunity.

In the Summer Session of 1939 more than 700 teachers in public and private secondary schools were in attendance, together with 135 members of the faculties of colleges and universities. Of the 2062 students who registered in the Session of 1939, nearly half held one or more college degrees; but 600 undergraduates in the colleges of Cornell University and in other institutions were in attendance to earn credit toward their Bachelor's degrees. The student body included representatives from 41 states, from Puerto Rico, Hawaii, and Canada, and from 11 other countries.

## ADMISSION

In general, the Summer Session is open to all persons qualified to do the work of any of the courses offered. No examinations or applications on special forms are required for admission; but undergraduates registered in institutions other than Cornell University must submit certificates of good standing before registration in the Summer Session is permitted.

## ADVANCED DEGREES

Credit toward the Master's degrees granted by Cornell University and, with some restrictions, toward the degree of Doctor of Philosophy may be earned during Summer Sessions. All candidates must be admitted to the Graduate School before beginning their work toward these degrees. Full information about the requirements for admission to the Graduate School and for the several graduate degrees is given in other announcements which will be sent upon request.

## SCHEDULES AND FEES

Summer Session students are required to take courses amounting to four semester hours of credit; they are advised to register for a schedule of six semester hours, and are permitted under certain circumstances to register for courses amounting to eight semester hours. The tuition fee is \$55. For unit courses in Agricultural Engineering and Hotel Administration, of one to three weeks in length, the tuition fee is \$11 per week. Laboratory fees and similar incidental fees are charged for materials or for special services. Special fees are charged for individual instruction in music, tennis, and a few other subjects.

## RESIDENTIAL HALLS

Two residential halls for women and several campus cottages are open to Summer Session students. In Sage College, board is not provided. The charge for rooms in this hall varies from \$24 to \$39 with the size and location of the room. Women living in Sage College may obtain meals in the cafeterias and dining rooms on the campus at a cost of \$1.00 to \$1.25 per day. In Balch Hall board is provided and the cost of room and board for the Session varies from \$80 to \$95.

Several residential halls for men are open to Summer Session students. Board is not provided and the charge for rooms for the Session varies from \$18 to \$30. A list of rooms for men in private houses, and of apartments and houses for rent, is prepared about June 1 and will be sent upon request. All inquiries about rooms, either in the Residential Halls or elsewhere, should be addressed to the Manager of Residential Halls, Morrill Hall, Ithaca, New York.

## HEALTH SERVICE

The health service provided during the academic year is continued with some modifications during the Summer

Session. Two physicians are available for consultation at the medical office daily. Students requiring hospital care will be admitted to local hospitals under the usual regulations of those institutions.

## RECREATION AND

**PUBLIC EVENTS** WILLARD STRAIGHT HALL is the social center of the University. The Memorial Room is in constant use for reading and study or for relaxation and talk. The recreation rooms are utilized for games and for classes in folk dancing. Receptions held in the lounges bring students and members of the faculty into relationships less formal than those of the class rooms.

## LECTURES

A public lecture, open to all Summer Session students, is given each Monday evening of the Session. The lecturers are distinguished members of the faculty and the subjects are chosen for their general interest and timeliness. Each Wednesday evening several public lectures are given on subjects of more restricted interest in connection with the work of various departments.

## SAGE CHAPEL

Religious services are conducted in Sage Chapel throughout the academic year by clergymen of various religious denominations. There will be services in the Chapel on five Sundays during the Summer Session, July 14 to August 11 inclusive.

## CONCERTS

A series of five Thursday evening concerts will be given during the Session. The String Sinfonietta, open to Summer Session students, will give one concert during the summer. In addition, a mixed chorus of Summer Session students meets regularly for rehearsals.

## THEATRE

Weekly performances are given by the Summer Theatre Company, composed in part of Summer Session students in the Department of Drama, on Friday and Saturday evenings. Noteworthy motion pictures, especially foreign films, are presented weekly by the Summer Theatre.

## DANCES

Each Saturday evening a dance, open to all members of the Summer Session, is held in Willard Straight Hall. Instruction in folk

dancing and modern dancing is given twice each week by competent instructors.

#### FUERTES OBSERVATORY

A series of demonstration lectures, illustrated by observations with the 12-inch telescope when the weather permits, will be given on Monday, Wednesday, and Friday evenings throughout the Session.

#### EXCURSIONS

All day excursions to nearby points of interest are conducted on several Saturdays by the Department of Geography and Geology. These excursions, open to students in the Summer Session, are taken by bus; the program for 1940 includes trips to Watkins Glen, Carpenter's Falls, a coal-mining section of Northern Pennsylvania, and a state park on Lake Ontario.

#### SPORTS

Tennis courts, conveniently located about the campus, are available for use for a small fee. Class instruction and private lessons in tennis are offered by members of the Department of Physical Education; tennis and badminton tournaments are arranged as part of the recreational program of the Summer Session. A gorge at one end of Beebe Lake, on the campus, forms a natural swimming pool, where a guard is on duty every day of the Session. Other excellent swimming pools and beaches are available in the three state parks which are located within 30 minutes driving distance from the University.

#### CALENDAR

FOR 1940 The Summer Session of 1940 will open on Monday, July 8, which will be devoted to registration. Instruction will begin on Tuesday, July 9, and will end on Wednesday, August 14. Classes will meet on Saturday of the first week, July 13, but in most courses no other Saturday classes will be held. In field courses in the biological sciences and in geography and geology, field trips are sometimes scheduled for Saturdays. Final examinations will begin on Thursday, August 15, and the Session will end at the close of examinations on Friday, August 16.

#### FACULTY AND

COURSES The faculty of the Summer Session is composed of more than two hundred professors and instructors. These are for the most part members of the faculties of the various

Schools and Colleges of Cornell University, but several other institutions are represented by one or more faculty members.

THE COURSES OF INSTRUCTION are grouped by departments into eleven divisions. The following list of courses is provisional and subject to minor changes which will be indicated in the final ANNOUNCEMENT OF THE SUMMER SESSION. Credit in semester hours is indicated in most cases.

## FINE ARTS

DRAWING AND PAINTING 1. Elementary Drawing, 2 hrs. 3. Drawing and Painting from the Human Figure, 2 hrs. 4. Elementary Color, 2 to 4 hrs. 6. Outdoor Sketching in Color, 2 to 4 hrs. 7. Drawing and Painting, 2 to 4 hrs.

## MUSIC

1. Theory and Practice of Music, 2 hrs. 5b. The Art of Music, 2 hrs. 8. The Orchestra, 2 hrs. 10a. History of Music, 2 hrs. 34. Historical Survey of Chamber Music, 2 hrs.

## LANGUAGES AND LITERATURES,

### PUBLIC SPEAKING AND DRAMA

#### ENGLISH

1. Freshman Composition, 2 hrs. 2. Introductory Course in Literature, 2 hrs. 4. Composition, 2 hrs. 7. Nineteenth Century Poetry, 2 hrs. 8. Modern American Poetry, 2 hrs. 9. Modern Novel, 2 hrs. 11. American Literature to 1869, 2 hrs. 12. Eighteenth Century Novel, 2 hrs. 15. Victorian Poetry, 2 hrs. 16. The English Language, 2 hrs. 17. Modern Drama, 2 hrs. 20. Shakespeare, 2 hrs. 22. Milton, 2 hrs. 24. Chaucer, 2 hrs. 31. Dramatic Literature, 2 hrs. 33. Teachers' Course, 2 hrs. 34. Elizabethan Literature, 2 hrs. 36. The Romantic Movement, 2 hrs.

#### FRENCH

1. Elementary Course, 4 hrs. 3. Second course, 4 hrs. 4. Reading of French, 2 hrs. 5. Written and Spoken French, 2 hrs. 9. Advanced Written and Spoken French, 2 hrs. 20. Pascal, 2 hrs. 30. La Poésie du Dix-neuvième Siècle, 2 hrs. 47. French Seminary, 2 hrs.

#### GERMAN

1. First Year German, 4 hrs. 3. Third Year German, 4 hrs. 6. Readings from Goethe, 2 hrs. 8. Contemporary German Literature, 2 hrs.

#### GREEK

1. Introduction to Greek and the Reading of Homer, 2 hrs. 2. Advanced Greek, 2 hrs.

#### LATIN

1. Principles of Linguistic Study, Primarily for Teachers of Latin, 2 hrs. 2. Early Drama, Chiefly Plautus, 2 hrs. 4. Theses and Informal Work, credit by arrangement.

## SPANISH

1. Course for Beginners, 4 hrs. 50. Supervision of Theses, *credit variable*.

## PUBLIC SPEAKING

AND DRAMA 1. Public Speaking, 2 hrs. 2. Discussion, 2 hrs. 10.

Oral Interpretation of Literature, 2 hrs. 20. Theories of Public Address, 2 hrs. 21. History of Oratory, 2 hrs. 28. Teachers' Course in Oral English and Public Speaking, 2 hrs. 32. Teachers' Course in Phonetics and Speech Training, 2 hrs. 33. Regional and Historical Phonetics, 2 hrs. 200. Theses and Special Problems, 2 or more hrs.

41. Dramatic Production, 2 hrs. 42. Dramatic Interpretation and Acting, 2 hrs. 44. Advanced Dramatic Interpretation, 2 hrs. 45. Stage Craft and Stage Lighting, 2 hrs. 66. Dramatic Art, 2 hrs. 90. Technical Theatre Practice, 2 hrs. 95. Stage Make-up, 2 hrs. 300. Special Problems and Theses, 2 or more hrs. Dramatic Round Tables, *no credit*. Speech Clinic, *no credit*.

## ECONOMICS, GOVERNMENT,

HISTORY, AND SOCIOLOGY 11. Money and Banking, 2 hrs. 31. Corporation Finance, 2 hrs. 41.

ECONOMICS Contemporary Labor Movements and Problems, 2 hrs. 46. Government Policies Toward Labor and Industry, 2 hrs. 135. Local Government, 3 hrs. 206. Land Economics, 3 hrs.

## GOVERNMENT

28. The American Constitutional System, 2 hrs. 40. Current Problems in National Government, 2 hrs.

## HISTORY

1. The Decline of the Roman Republic and the Founding of the Empire, 2 hrs. 8. England Under the Stuarts, 2 hrs. 9. The British Empire in World Affairs: 1830 to the Present, 2 hrs. 16. American History: 1876-1940, 2 hrs. 20. American History: 1850-1876, 2 hrs. 23. Medieval Society, 2 hrs. 47. Recent European History: 1870-1940, 2 hrs. 49. Modern History of Central Europe, 2 hrs.

## SOCIOLOGY

1. General Sociology, 2 hrs. 111. Rural Community Organization, 2 hrs. 121. The Family, 2 hrs. 122. Social Problems, 2 hrs. 124. Social Case Work, 2 hrs.

## EDUCATION

EDUCATIONAL PSYCHOLOGY 7. Mental Measurements, 2 or 3 hrs. 12. MEASUREMENT, STATISTICS Psychology of Exceptional Children, 2 hrs. 111. Psychology for Students of Education, 2 hrs. 116. Child Psychology, 2 hrs. 212. Psychology of Learning, 2 hrs. 215. Psychology of Adolescence, 2 hrs. 251. Educational Measurement, 2 hrs. 253. Educational Statistics, 2 hrs.



#### EDUCATIONAL METHODS

4. Secondary School Methods, 2 hrs. 33. Teaching of English in Secondary Schools, 2 hrs. 107a. Teaching of Nature Study or Elementary Science, 2 hrs. 122a. Observation of Child Activity, *No credit*. 129. Teaching Adaptations for the Atypical Child, 2 hrs. 134a. Special Education for Out-of-School Youth and Adults, 2 hrs. 134b. Adult Homemaking Education, 3 hrs. 142x. Project Development Laboratory in Industrial Arts, 2 hrs. 143. The Organizations and Teaching of Technical Subjects, 2 hrs. *credit for each of two parts*: a. Organization of content, b. Special Methods.

202. Nature Literature, 2 hrs. 226c. Teaching of Biology in Secondary Schools, 2 hrs. 232. Special Problems in the Teaching of Agriculture in the Secondary School, two units, 1 hr. for each unit. 236. Creative Procedures in the Teaching of Home Economics in the Secondary School, 2 hrs. 245. Programs for the Preparation of Teachers of Agriculture, 2 hrs. 250. Seminar in Agricultural Education, 2 hrs.

#### ADMINISTRATION, SUPERVISION,

##### AND CURRICULUM

5. High School Administration, 2 hrs. 10. Problems in High School Administration, 2 hrs. 11. Extra-Classroom Activities, 2 hrs. 23. The Administration of the Elementary School, 2 hrs. 169a. Administrative Problems of the Homemaking Teacher, 2 hrs. 242a. Seminar in Industrial Arts Education, 2 hrs. 243. Problems in Administration of Industrial and Technical Education, 2 hrs. 243a. Supervision of Industrial and Technical Education, 2 hrs. 249b. Seminar in Home Economics Education, 2 hrs. 261. The Administration of Rural Schools, 2 hrs.

262b. The School Plant, 2 hrs. 262e. The Administration of Attendance, 2 hrs. 263. Procedures and Techniques in Supervision, 2 hrs. 266. The Supervision of the Elementary School, 2 hrs. 267b. The Supervision of Vocational Agriculture in the Secondary School, 2 hrs. 276. Principles of Curriculum Building, 2 hrs. 276c. Curriculum Laboratory, 2 to 4 hrs.

#### GUIDANCE

28. Introduction to Educational and Vocational Guidance, 2 hrs. 32. Practicum in Guidance, 2 hrs. 32a. Research in Guidance and Personnel, 2 to 4 hrs. 217. Use and Interpretation of Tests in Guidance, 2 hrs.

#### PRINCIPLES AND

##### HISTORY OF EDUCATION

130. Social Foundations of Education, 3 hrs. 294. Philosophy of Education, 2 or 3 hrs. 295. Comparative Education, 2 hrs.

#### RESEARCH

300. Research, *credit as arranged*.

#### PHYSICAL EDUCATION

22. Community Recreation, 2 hrs. 23. Administration, Organization and Supervision of Physical Education, 2 hrs.

26. Teaching Methods in Aquatics, *1 hr.* 26a. Swimming, *no credit.*  
 28. Private Instruction in Tennis, *no credit.* 28a. Tennis for Beginners,  
*1 hr.* 29. Badminton, *1 hr.*

#### HEALTH EDUCATION

1. School Health Program, *2 hrs.* 2. Mental and Physical Health Problems of the School Child, *2 hrs.* 3. Mental Hygiene, *2 hrs.*

#### BIOLOGICAL SCIENCES

- AND PSYCHOLOGY 1. General Bacteriology, *2 or 4 hrs.* 220.  
 BACTERIOLOGY Special Problems, *credit variable.*

#### BIOLOGY

1. General Biology, *2 or 3 hrs.*

#### BOTANY

- 1a. General Botany—Anatomy and Physiology, *3 hrs.* 1b. General Botany—Morphology and Taxonomy, *3 hrs.* 13. Trees and Shrubs, *2 hrs.* 31. Plant Physiology, *4 hrs.* 117. Taxonomy of Vascular Plants, *4 hrs.* 121. Comparative Morphology of Fungi, *4 hrs.* 123. Plant Anatomy, *4 hrs.* 222. Mycology, *5 hrs.* 145. Special Problems with Plants, *2 or more hrs.*

#### ENTOMOLOGY

12. General Entomology, *3 hrs.* 16. Ecology, *2 hrs.*  
 30. Elementary Systematic Entomology, *3 hrs.* 41. Economic Entomology, *3 hrs.*

#### GENETICS

101. General Genetics, *4 hrs.* 150. Special Problems, *1 or 2 hrs.*

#### HISTOLOGY AND

EMBRYOLOGY For these courses, see ZOOLOGY.

#### ORNITHOLOGY

For these courses, see ZOOLOGY.

#### PLANT PATHOLOGY

1. Diseases of Plants and their Control, *2 to 4 hrs.*

#### PSYCHOLOGY

1. Elementary Psychology, *2 hrs.* 6. Introduction to Applied Psychology, *2 hrs.* 7. Psychology in Business and Industry, *2 hrs.* 8. Psychology of Personality, *2 hrs.* 10. Social Psychology, *2 hrs.* 15. Psychology of the Abnormal, *2 hrs.*

#### ZOOLOGY

- 1a. Introductory Zoology, *3 hrs.* 1b. Intermediate Zoology, *3 hrs.* 16. Invertebrate Zoology, *4 hrs.* 11. Ornithology, *3 hrs.* 111.

Advanced Ornithology, 2 hrs. 211. Applied Ornithology, 2 hrs.  
101. Histology, 4 hrs. 102. The Organs, 4 hrs. 104. Embryology of  
the Vertebrates, 4 hrs.

## GEOGRAPHY, GEOLOGY,

### AND METEOROLOGY GEOGRAPHY AND GEOLOGY

1. Physical Geography, 2 hrs. 2. Economic Geography, 2 hrs. 5. Geology, 2 hrs. 9. Geology, Laboratory, 1 hr.  
10. Geology and Geography, Field Course, 1 hr. 21. Summer Field School in Geology, 6 hrs. Intended for men students only. Special circular containing detailed information will be mailed on request.

### METEOROLOGY

1a. Meteorology, 2 hrs. 1b. Meteorology, Laboratory, 1 hr. 2. General Climatology, 1 hr. 6. Special Problems, *credit by arrangement*.

## ASTRONOMY, CHEMISTRY, PHYSICS, AND MATHEMATICS

### ASTRONOMY

1. General Astronomy, 2 hrs. Laboratory Astronomy, 1 hr.  
183. Navigation and Nautical Astronomy, 3 hrs. 181. Special Problems, *credit by arrangement*.

### CHEMISTRY

102. General Chemistry. (For students without high school chemistry). 6 hrs. 104. General Chemistry. (For students with high school chemistry). 6 hrs. 106. General Chemistry. (For College of Engineering students), 6 hrs. 205. Introductory Qualitative Analysis. (Lectures, recitations), 3 hrs. 206. Introductory Qualitative Analysis. (Laboratory), 3 hrs. 210. Introductory Qualitative Analysis, 3 hrs. 225. Introductory Quantitative Analysis, 3 hrs. 230. Advanced Quantitative Analysis, 3 hrs.

305. Introductory Organic Chemistry. (Lectures, recitations), 3 hrs. 310. Introductory Organic Chemistry, 1 to 6 hrs. 320. Advanced Organic Chemistry, 2 or more hrs. 375. Introductory Organic Chemistry, 4 to 6 hrs. 405. Introductory Physical Chemistry, 3 to 6 hrs. 410. Physical Chemistry Laboratory, 3 to 6 hrs. 465. Laboratory Practice in Physical Chemistry, 1 to 3 hrs. 530. Introductory Chemical Microscopy, 3 hrs. 535. Advanced Chemical Microscopy, 2 or 3 hrs. Research, 1 to 6 hrs.

### MATHEMATICS

2. College Algebra, 3 hrs. 3. Trigonometry, 3 hrs. 5a. Analytic Geometry and the Calculus. (First term), 5 hrs. 5b. Analytic Geometry and the Calculus. (Second term), 5 hrs. 20. Teachers' Course, 2 hrs. 24. Theory of Equations, 3 hrs. 42. Advanced Calculus, 3 hrs. 45. Functions of a Complex Variable, 3 hrs. 59. Synthetic Euclidean Geometry, 3 hrs. 61. Projective Geometry, 3 hrs.

## PHYSICS

3. Introductory Experimental Physics, 1 to 4 hrs. 4. Introductory Experimental Physics, 1 to 4 hrs. 11. Introductory Experimental Physics, 4 hrs. 12. Introductory Experimental Physics, 4 hrs. 60. Intermediate Laboratory Physics, 1 to 3 hrs. 62. General Physics, 2 hrs. 81. Recent Developments in Physics, 2 hrs. 106. Advanced Laboratory Physics, 1 to 3 hrs. 126. Electrical Conduction and Related Phenomena, 2 hrs. 136. Optics and Spectroscopy, 3 hrs. 305. Physical Phenomena from the Point of View of the Wave-Theory of Matter, 2 hrs. 341. Theoretical and Experimental Electronics, 3 hrs. 315. Special Problems, *credit variable*.

## ENGINEERING

ADMINISTRATIVE 3A23. Business and Industrial Management, 2 or 3  
ENGINEERING hrs. 3A31. First Course in Accounting, 3 hrs.

### ENGINEERING

DRAWING 120. Drawing and Descriptive Geometry, 3 hrs. 121. Mechanical Drafting, 3 hrs. 125. Mechanical Drawing, 3 hrs. 125b. Mechanical Drafting, 2 hrs.

### ELECTRICAL

ENGINEERING 415. Principles of Electrical Engineering, 3 hrs. 415a. Principles of Electrical Engineering. (Laboratory), 1 hr. 416. Principles of Electrical Engineering, 3 hrs. 416a. Principles of Electrical Engineering. (Laboratory), 1 hr. 435, 436. Electrical Laboratory for M.E. Seniors, 4 hrs. 487. Recent Advances in Electrical Technology, 2 hrs.

### EXPERIMENTAL

MECHANICAL 3X21. Materials of Engineering, 3 hrs. 3X31. Ma-  
ENGINEERING terials Testing and Physical Metallurgy, 4 hrs. 3X101. Materials and Processes of Industry, 4 hrs.

### MECHANICS OF

ENGINEERING 3M22a. Strength of Materials, 3 hrs. 3M23. Hydraulics, 2 hrs. 3M24. Applied Mathematics, 3 hrs.

### STRUCTURAL

ENGINEERING 270. Structural Analysis and Design, 4 hrs. 271. Structural Design, 3 hrs. 274. Bridge Design, 3 hrs. 280. Concrete Construction, 3 hrs. 281. Foundations, 3 hrs. 285. Reinforced Concrete Design, 3 hrs.

## AGRICULTURE

AGRICULTURAL ECONOMICS 135. Local Government, 3 hrs. 143. Mar-  
AND FARM MANAGEMENT keting Dairy Products, 3 hrs. 202. Farm Management, 3 hrs. 206. Land Economics, 3 hrs.

## AGRICULTURAL

ENGINEERING 40c. Advanced General Farm Shop, 3 unit courses; *1 hr. for each unit.* 41. General Shop Work for Rural High School Teachers, *3 hrs.* 43. Field Machinery Repair, 3 unit courses; *1 hr. for each unit.* 44a. Industrial Arts General Shop, *4 hrs.* 44b. Industrial Arts Wood Shop, *2 hrs.* 44d. Industrial Arts Electrical Shop, *2 hrs.* 101a. Electricity and its Application to Home and Farm, 3 unit courses; *1 hr. for each unit.* 240. Shop Organization and Management, *2 to 4 hrs.*

## FLORICULTURE AND

ORNAMENTAL HORTICULTURE 2. Amateur Floriculture, *1 hr.* 3. Herbaceous Plant Materials, *2 hrs.* 4. Planning and Planting the Home Grounds, *2 hrs.* 5. Flower Arrangement, *1 hr.* 8. Woody Plant Materials for Landscape Planting, *4 hrs.* 109. Summer Propagation, *2 hrs.* 118. Landscape Construction, *2 hrs.* 171. Tree and Shrub Management, *3 hrs.*

## HOME ECONOMICS

ECONOMICS OF THE HOUSEHOLD AND HOUSEHOLD MANAGEMENT 160. Marketing Problems from the Consumer's Viewpoint, *2 or 3 hrs.* 310. Management in Relation to Family Living, *3 hrs.*

## FAMILY LIFE

317. Family Experience and Personality Development, *2 hrs.* 318. Family and Social Relationships, *2 hrs.* 330. Assisting in the Nursery School, *2 or 3 hrs.* 410. Principles of Child Guidance, *2 hrs.* 425c. Seminar in Family Life with Special Consideration of the Child of Pre-school and School Age in Family and Social Relationships, *2 hrs.*

## FOODS AND

NUTRITION 200. Meal Planning, Preparation, and Service, *2 hrs.* 320. Experimental Cooking, *2 hrs.* 330. Consumer Problems in Buying Foods, *2 hrs.* 340. Problems of Family Nutrition with Special Emphasis on Child Feeding, *2 or 3 hrs.* 410b. Research in Nutrition, *1 or 2 hrs.* 420a. Seminar in Foods, *2 hrs.* See also courses in Hotel Administration.

## HOUSEHOLD ART

120. Home Furnishing, *2 or 3 hrs.* 135. Home Projects in Room Improvement, *2 or 3 hrs.* 150. Housing from the Standpoint of Home Economics, *2 or 3 hrs.* 300. Special Problems, *credit variable.*

## TEXTILES AND

CLOTHING 205. Fitting, Pattern Making and Construction, *3 hrs.* 210. Dress Design, *2 hrs.* 320. Consumer Problems in Buying Clothing, *2 hrs.* 420. Clothing Problems in Families, *3 hrs.*

INSTITUTION  
MANAGEMENT

250. School Lunch Problems, 2 hrs. See also courses in Hotel Administration.

LEADERSHIP IN  
HOME ECONOMICS

320. Leadership in Home Economics: Program Planning and Methods, 3 hrs.

HOTEL ADMINISTRATION

All work in this division is offered in unit courses, from one to three weeks in length. Enrollment in these courses is limited to persons engaged in some form of hotel work. A circular giving full information about the courses is issued about April 1. For this circular or other information, address the Department of Hotel Administration, Martha Van Rensselaer Hall, Cornell University, Ithaca, N. Y.

COURSES

11. Hotel Operation, 1 hr. 12. Institution Organization and Administration, 2 hrs. 15. Hotel Promotion, 1 hr. 18. Personnel Methods, 1 hr. 22. Food Preparation, 2 hrs. 24. Institution Menus, 1 hr. 25. Hotel Stewarding, 1 hr. 26. Hotel Menus, 1 hr. 31. Elementary Accounting, 3 hrs. 32. Hotel Accounting, 3 hrs. 33. Interpretation of Hotel Statements, 1 hr. 36. Food and Beverage Control, 1 hr. 41. Hotel Engineering, 2 hrs. 71. Hotel Housekeeping, 1 hr. 72. Institution Housekeeping, 1 hr. 73. Institution Textiles, 1 hr. 81. Hospital Operation, 2 hrs.



*Two of the residential halls for women are located near this small lake adjoining the campus.*

#### FURTHER INFORMATION

The complete Announcement of the Summer Session of 1940 is in preparation. *If you will fill out the enclosed post card and mail it, a copy of this Announcement will be sent to you as soon as it is issued.* This will give detailed descriptions of the courses of study and the schedule of class hours; a list of the faculty; information about the details of admission and registration; requirements for admission to the Graduate School and for the graduate degrees of Cornell University; and full information about all other features of the Summer Session. In the meantime information on specific questions will be gladly furnished upon request. All correspondence should be addressed to the *Director of the Summer Session, Cornell University, Ithaca, N. Y.*

If you have already asked for the Announcement or for other information, no further request is necessary.



*This campus path leads to the  
University swimming pool in  
one of the gorges of Fall Creek.*